

**AMENDMENT****In the Claims:**

1. (currently amended) A flow sensor tube assembly, comprising:  
a base member having first and second generally opposing sides;  
an opening extending through the base member, the opening having first and second segments defining first and second diameters, respectively, the first diameter being greater than the second diameter;  
a flow sensor tube having an end received in the opening;  
a filler material situated in the first segment of the opening surrounding the flow sensor tube adjacent the first side of the base member; and  
the flow sensor tube being welded to the base member adjacent the second side of the base member.
2. (canceled)
3. (currently amended) The flow sensor tube assembly of ~~claim 2~~ claim 1, wherein the filler material is situated in the first segment of the opening surrounding the flow sensor tube.
4. (original) The flow sensor tube assembly of claim 1, further comprising a nipple defined by the second side of the base member.